

REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: NYCDEP Bureau Water
465 Columbus Ave.
Valhalla, NY 10595

Sample NYC DEP
19 WEST LAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received EP

Bottle c1614,p2857,2856,q2697,2698,k

Collected By: SCOTT

Comment:

Sample DEL18

ID of Source:

Collection 2/8/2002 AT 11:15:00

Submitted 2/8/2002 AT 2:37:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AE03249

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
<u>ICPMS Metals for NEWE New</u>						
EPA94	Antimony	< MDL	ug/L	0.1	3/18/2002	PAD
EPA94	Arsenic	< MDL	ug/L	2.0	3/18/2002	PAD
EPA94	Barium	14.4	ug/L	0.1	3/18/2002	PAD
EPA94	Beryllium	< MDL	ug/L	2.0	3/18/2002	PAD
EPA94	Cadmium	< MDL	ug/L	0.2	3/18/2002	PAD
EPA94	Chromium	< MDL	ug/L	1.0	3/18/2002	PAD
EPA94	Copper	1.2	ug/L	1.0	3/18/2002	PAD
EPA94	Lead	< MDL	ug/L	1.0	3/18/2002	PAD
EPA94	Manganese	20.3	ug/L	1.0	3/18/2002	PAD
EPA94	Nickel	< MDL	ug/L	1.0	3/18/2002	PAD
EPA94	Selenium	< MDL	ug/L	1.0	3/18/2002	PAD
EPA94	Silver	< MDL	ug/L	2.0	3/18/2002	PAD
EPA94	Thallium	< MDL	ug/L	1.0	3/18/2002	PAD
EPA94	Zinc	< MDL	ug/L	2.0	3/18/2002	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	3/21/2002	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	3/21/2002	PAD
EPA94	Iron	26	ug/L	20.0	3/21/2002	PAD
EPA79	Mercury	< MDL	ug/L	0.40	2/13/2002	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 3/29/2002

Environmental Laboratories

emailed

Original 3/29/2002

NYS ELAP # 10108

Page 1 of 5

REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: NYCDEP Bureau Water
465 Columbus Ave.
Valhalla, NY 10595

Sample NYC DEP
19 WEST LAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received EP

Bottle c1614,p2857,2856,q2697,2698,k

Collected By: SCOTT

Comment:

Sample DEL18

ID of Source:

Collection 2/8/2002 AT 11:15:00

Submitted 2/8/2002 AT 2:37:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AE03249

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Molybdenum	< MDL	ug/L	50.0	3/21/2002	PAD
EPA'79	Potable Metals Digestion	Completed			2/11/2002	PAD
SM18	Tin	< MDL	ug/L	100	2/25/2002	PAD

Organics

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	2/15/2002	SV
524.2	*THM-Chloroform	< MDL	ug/L	0.5	2/15/2002	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	2/15/2002	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,1,1-trichloroethane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	2/15/2002	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 3/29/2002

Environmental Laboratories

emailed

Original 3/29/2002

NYS ELAP # 10108

Page 2 of 5

REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: NYCDEP Bureau Water
465 Columbus Ave.
Valhalla, NY 10595

Sample NYC DEP
19 WEST LAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received EP

Bottle c1614,p2857,2856,q2697,2698,k

Collected By: SCOTT

Comment:

Sample DEL18

ID of Source:

Collection 2/8/2002 AT 11:15:00

Submitted 2/8/2002 AT 2:37:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AE03249

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	2/15/2002	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Benzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Bromomethane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Chloroethane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Chloromethane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	2/15/2002	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 3/29/2002

Environmental Laboratories

emailed

Original 3/29/2002

NYS ELAP # 10108

Page 3 of 5

REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: NYCDEP Bureau Water
465 Columbus Ave.
Valhalla, NY 10595

Sample NYC DEP
19 WEST LAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received EP

Bottle c1614,p2857,2856,q2697,2698,k

Collected By: SCOTT

Comment:

Sample DEL18

ID of Source:

Collection 2/8/2002 AT 11:15:00

Submitted 2/8/2002 AT 2:37:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AE03249

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	2/15/2002	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	2/15/2002	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	2/15/2002	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Naphthalene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	O-xylene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Styrene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Toluene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	2/15/2002	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 3/29/2002

Environmental Laboratories

emailed

Original 3/29/2002

NYS ELAP # 10108

Page 4 of 5

REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: NYCDEP Bureau Water
465 Columbus Ave.
Valhalla, NY 10595

Attention: Steve Schindler

Received EP

Bottle c1614,p2857,2856,q2697,2698,k

Collected By: SCOTT

Comment:

Report

Sample NYC DEP
19 WEST LAKE DRIVE
VALHALLA, N.Y.

Sample DEL18

ID of Source:

Collection 2/8/2002 AT 11:15:00

Submitted 2/8/2002 AT 2:37:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : yes

Sample No. AE03249

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Vinyl chloride	< MDL	ug/L	0.5	2/15/2002	SV

The recovery of 2,2-dichloropropane in the CCV is 68%.

The recovery of naphthalene in the CCV is 62%.

GCMS Scan For Unknowns

Other unknown compounds

ug/L

3/15/2002

DLV

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 5 of the 43 compounds in the LCS Standard were outside their acceptance ranges.

Approved Pam Dilsizian

QA Officer

Date Approved: 3/29/2002

Environmental Laboratories

emailed

Original 3/29/2002

NYS ELAP # 10108

Page 5 of 5

REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: NYCDEP Bureau Water
465 Columbus Ave.
Valhalla, NY 10595

Attention: Steve Schindler

Received EP

Bottle c1446,p2758,2800,q782,2383,k9

Collected By: SCOTT

Comment:

Sample NYC DEP
19 WEST LAKE DRIVE
VALHALLA, N.Y.

Sample CATLEFF

ID of Source:

Collection 2/8/2002 AT 11:06:00

Submitted 2/8/2002 AT 2:37:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AE03250

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
<u>ICPMS Metals for NEWEL New</u>						
EPA94	Antimony	< MDL	ug/L	0.1	3/18/2002	PAD
EPA94	Arsenic	< MDL	ug/L	2.0	3/18/2002	PAD
EPA94	Barium	14.0	ug/L	0.1	3/18/2002	PAD
EPA94	Beryllium	< MDL	ug/L	2.0	3/18/2002	PAD
EPA94	Cadmium	< MDL	ug/L	0.2	3/18/2002	PAD
EPA94	Chromium	< MDL	ug/L	1.0	3/18/2002	PAD
EPA94	Copper	< MDL	ug/L	1.0	3/18/2002	PAD
EPA94	Lead	< MDL	ug/L	1.0	3/18/2002	PAD
EPA94	Manganese	19.9	ug/L	1.0	3/18/2002	PAD
EPA94	Nickel	< MDL	ug/L	1.0	3/18/2002	PAD
EPA94	Selenium	< MDL	ug/L	1.0	3/18/2002	PAD
EPA94	Silver	< MDL	ug/L	2.0	3/18/2002	PAD
EPA94	Thallium	< MDL	ug/L	1.0	3/18/2002	PAD
EPA94	Zinc	< MDL	ug/L	2.0	3/18/2002	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	3/21/2002	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	3/21/2002	PAD
EPA94	Iron	28	ug/L	20.0	3/21/2002	PAD
EPA79	Mercury	< MDL	ug/L	0.40	2/13/2002	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 3/29/2002

Environmental Laboratories

emailed

Original 3/29/2002

NYS ELAP # 10108

Page 1 of 5

REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: NYCDEP Bureau Water
465 Columbus Ave.
Valhalla, NY 10595

Sample NYC DEP
19 WEST LAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received EP

Bottle c1446,p2758,2800,q782,2383,k9

Collected By: SCOTT

Comment:

Sample CATLEFF

ID of Source:

Collection 2/8/2002 AT 11:06:00

Submitted 2/8/2002 AT 2:37:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AE03250

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Molybdenum	< MDL	ug/L	50.0	3/21/2002	PAD
EPA'79	Potable Metals Digestion	Completed			2/11/2002	PAD
SM18	Tin	< MDL	ug/L	100	2/25/2002	PAD
Organics						
<u>Volatile Organic Compounds</u>						
524.2	*THM-Bromodichloromethane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	2/15/2002	SV
524.2	*THM-Chloroform	< MDL	ug/L	0.5	2/15/2002	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	2/15/2002	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	2/15/2002	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 3/29/2002

Environmental Laboratories

emailed

Original 3/29/2002

NYS ELAP # 10108

Page 2 of 5

REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: NYCDEP Bureau Water
465 Columbus Ave.
Valhalla, NY 10595

Sample NYC DEP
19 WEST LAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received EP

Bottle c1446,p2758,2800,q782,2383,k9

Collected By: SCOTT

Comment:

Sample CATLEFF

ID of Source:

Collection 2/8/2002 AT 11:06:00

Submitted 2/8/2002 AT 2:37:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AE03250

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	2/15/2002	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Benzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Bromomethane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Chloroethane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Chloromethane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	2/15/2002	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 3/29/2002

Environmental Laboratories

emailed

Original 3/29/2002

NYS ELAP # 10108

Page 3 of 5

REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: NYCDEP Bureau Water
465 Columbus Ave.
Valhalla, NY 10595

Sample NYC DEP
19 WEST LAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received EP

Bottle c1446,p2758,2800,q782,2383,k9

Collected By: SCOTT

Comment:

Sample CATLEFF

ID of Source:

Collection 2/8/2002 AT 11:06:00

Submitted 2/8/2002 AT 2:37:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AE03250

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	2/15/2002	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	2/15/2002	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	2/15/2002	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Naphthalene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	O-xylene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Styrene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Toluene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	2/15/2002	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 3/29/2002

Environmental Laboratories

emailed

Original 3/29/2002

NYS ELAP # 10108

Page 4 of 5

REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: NYCDEP Bureau Water
465 Columbus Ave.
Valhalla, NY 10595

Sample NYC DEP
19 WEST LAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received EP

Bottle c1446,p2758,2800,q782,2383,k9

Collected By: SCOTT

Comment:

Sample CATLEFF

ID of Source:

Collection 2/8/2002 AT 11:06:00

Submitted 2/8/2002 AT 2:37:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AE03250

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Vinyl chloride	< MDL	ug/L	0.5	2/15/2002	SV

The recovery of 2,2-dichloropropane in the CCV is 68%.

The recovery of naphthalene in the CCV is 62%.

GCMS Scan For Unknowns

Other unknown compounds

ug/L

3/15/2002

DLV

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 5 of the 43 compounds in the LCS Standard were outside their acceptance ranges.

Approved Pam Dilsizian

QA Officer

Date Approved: 3/29/2002

Environmental Laboratories

emailed

Original 3/29/2002

NYS ELAP # 10108

Page 5 of 5

REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: NYCDEP Bureau Water
465 Columbus Ave.
Valhalla, NY 10595

Sample NYC DEP
19 WEST LAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received EP

Bottle c1618,p2707,2708,q769,988,k99

Collected By: SCOTT

Comment:

Sample CROGH

ID of Source:

Collection 2/8/2002 AT 12:26:00

Submitted 2/8/2002 AT 2:37:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AE03251

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
<u>ICPMS Metals for NEWE New</u>						
EPA94	Antimony	< MDL	ug/L	0.1	3/18/2002	PAD
EPA94	Arsenic	< MDL	ug/L	2.0	3/18/2002	PAD
EPA94	Barium	30.3	ug/L	0.1	3/18/2002	PAD
EPA94	Beryllium	< MDL	ug/L	2.0	3/18/2002	PAD
EPA94	Cadmium	< MDL	ug/L	0.2	3/18/2002	PAD
EPA94	Chromium	1.4	ug/L	1.0	3/18/2002	PAD
EPA94	Copper	1.1	ug/L	1.0	3/18/2002	PAD
EPA94	Lead	< MDL	ug/L	1.0	3/18/2002	PAD
EPA94	Manganese	63.9	ug/L	1.0	3/18/2002	PAD
EPA94	Nickel	1.1	ug/L	1.0	3/18/2002	PAD
EPA94	Selenium	1.1	ug/L	1.0	3/18/2002	PAD
EPA94	Silver	< MDL	ug/L	2.0	3/18/2002	PAD
EPA94	Thallium	< MDL	ug/L	1.0	3/18/2002	PAD
EPA94	Zinc	< MDL	ug/L	2.0	3/18/2002	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	3/21/2002	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	3/21/2002	PAD
EPA94	Iron	51	ug/L	20.0	3/21/2002	PAD
EPA79	Mercury	< MDL	ug/L	0.40	2/13/2002	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 3/29/2002

Environmental Laboratories

emailed

Original 3/29/2002

NYS ELAP # 10108

Page 1 of 5

REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: NYCDEP Bureau Water
465 Columbus Ave.
Valhalla, NY 10595

Sample NYC DEP
19 WEST LAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received EP

Bottle c1618,p2707,2708,q769,988,k99

Collected By: SCOTT

Comment:

Sample CROGH

ID of Source:

Collection 2/8/2002 AT 12:26:00

Submitted 2/8/2002 AT 2:37:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AE03251

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Molybdenum	< MDL	ug/L	50.0	3/21/2002	PAD
EPA'79	Potable Metals Digestion	Completed			2/11/2002	PAD
SM18	Tin	< MDL	ug/L	100	2/25/2002	PAD
Organics						
Volatile Organic Compounds						
524.2	*THM-Bromodichloromethane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	2/15/2002	SV
524.2	*THM-Chloroform	< MDL	ug/L	0.5	2/15/2002	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	2/15/2002	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,1,1-trichloroethane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	2/15/2002	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 3/29/2002

Environmental Laboratories

emailed

Original 3/29/2002

NYS ELAP # 10108

Page 2 of 5

REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: NYCDEP Bureau Water
465 Columbus Ave.
Valhalla, NY 10595

Sample NYC DEP
19 WEST LAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received EP

Bottle c1618,p2707,2708,q769,988,k99

Collected By: SCOTT

Comment:

Sample CROGH

ID of Source:

Collection 2/8/2002 AT 12:26:00

Submitted 2/8/2002 AT 2:37:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AE03251

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	2/15/2002	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Benzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Bromomethane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Chloroethane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Chloromethane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	2/15/2002	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 3/29/2002

Environmental Laboratories

emailed

Original 3/29/2002

NYS ELAP # 10108

Page 3 of 5

REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: NYCDEP Bureau Water
465 Columbus Ave.
Valhalla, NY 10595

Sample NYC DEP
19 WEST LAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received EP

Bottle c1618,p2707,2708,q769,988,k99

Collected By: SCOTT

Comment:

Sample CROGH

ID of Source:

Collection 2/8/2002 AT 12:26:00

Submitted 2/8/2002 AT 2:37:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AE03251

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	2/15/2002	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	2/15/2002	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	2/15/2002	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Naphthalene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	O-xylene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Styrene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Toluene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	2/15/2002	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	2/15/2002	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 3/29/2002

Environmental Laboratories

emailed

Original 3/29/2002

NYS ELAP # 10108

Page 4 of 5

REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: NYCDEP Bureau Water
465 Columbus Ave.
Valhalla, NY 10595

Sample NYC DEP
19 WEST LAKE DRIVE
VALHALLA, N.Y.

Sample CROGH

ID of Source:

Collection 2/8/2002 AT 12:26:00

Submitted 2/8/2002 AT 2:37:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AE03251

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Vinyl chloride	< MDL	ug/L	0.5	2/15/2002	SV

The recovery of 2,2-dichloropropane in the CCV is 68%.

The recovery of naphthalene in the CCV is 62%.

GCMS Scan For Unknowns

Other unknown compounds

ug/L

3/15/2002

DLV

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 5 of the 43 compounds in the LCS Standard were outside their acceptance ranges.

Approved Pam Dilsizian

QA Officer

Date Approved: 3/29/2002

Environmental Laboratories

emailed

Original 3/29/2002

NYS ELAP # 10108

Page 5 of 5

REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: NYCDEP Bureau Water
465 Columbus Ave.
Valhalla, NY 10595

Sample FBW

Attention: Steve Schindler
Received EP
Bottle p1023,q1079
Collected By: LAB
Comment:

Sample FBW
ID of Source:
Collection 2/8/2002 AT 12:00:00
Submitted 2/8/2002 AT 2:38:00
Sample Type: DI WATER
PWS No.: Source Code: 000

Type Descriptor:
Sample chilled on arrival? : yes

Report

Sample No. AE03252

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>GCMS Scan For Unknowns</u>						
	Other unknown compounds	.	ug/L		3/15/2002	DLV

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 5 of the 43 compounds in the LCS Standard were outside their acceptance ranges.

Approved Pam Dilsizian

QA Officer

Date Approved: 3/18/2002

Environmental Laboratories

emailed

Original 3/18/2002

NYS ELAP # 10108

Page 1 of 1